

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053602-1484 - Hydraulic System

Sample No: LH0270378

Oil Type: PETRO CANADA 10W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270378	LH0247091	LH0162461	LH0239516
Date d'échant.	14 Jul 2023	30 Nov 2022	04 Oct 2022	05 Aug 2022
Heures de la Machine	6154	5112	4606	4034
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Not Changd	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

THOMAS CAVANAGH CONSTRUCTION LTD
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ASHTON, ON
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Contact: Keith



ÉTAT D'HUILE

Visc 40°C	cSt	47.9	48.3	49.2	41.0
Visc 100°C	cSt	7.8	---	---	---
Indice de viscosité (VI)	Scale	131	---	---	---

T: (613)257-4995
F: (613)253-0071

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Viscosity of sample indicates oil is within SAE 20 range, advise investigate. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Eau	%	---	0.018	---	---
Particules >4µ		11184	17124	10129	6952
Particules >6µ		934	938	301	98
Particules >14µ		39	29	14	22
ISO 4406:1999 (c)		21/17/12	21/17/12	21/15/11	20/14/12
Silicium	ppm	10	8	7	8
Sodium	ppm	1	1	1	1
Potassium	ppm	2	2	2	2



MÉTAUX D'USURE

Fer	ppm	12	11	10	14
Cuivre	ppm	3	3	3	4
Plomb	ppm	5	5	5	8
Étain	ppm	0	<1	0	<1
Aluminium	ppm	5	4	3	4
Chrome	ppm	1	<1	<1	1
Molybdène	ppm	25	25	25	0
Nickel	ppm	0	<1	0	<1
Titane	ppm	<1	<1	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

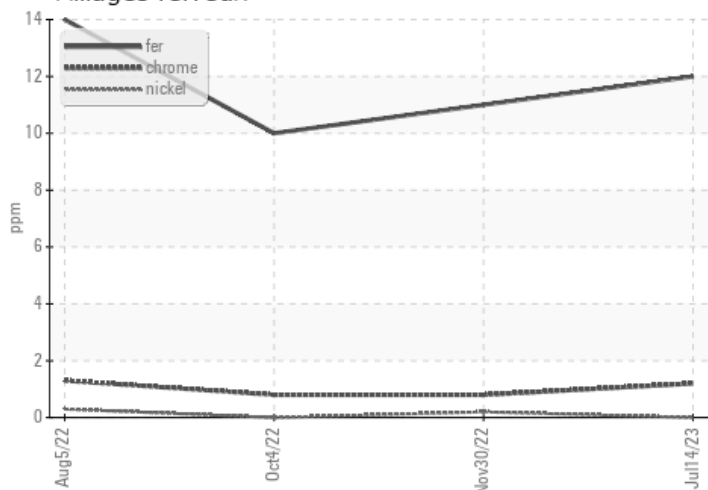
Calcium	ppm	876	937	915	733
Magnésium	ppm	415	403	399	5
Zinc	ppm	999	1005	988	839
Phosphore	ppm	896	896	892	759
Baryum	ppm	<1	<1	<1	<1
Bore	ppm	1	1	1	<1

Depot: CAVASH
Unique No: 5618803
Signed: Kevin Marson
Report Date: 03 Aug 2023

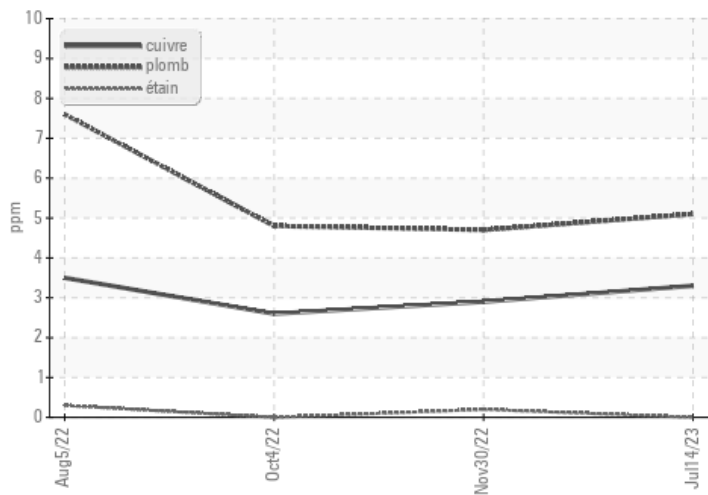


GRAPHS

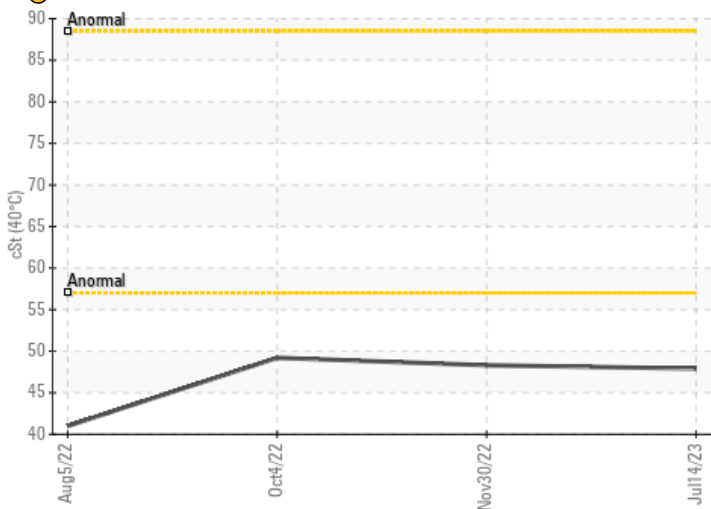
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

